

0590

05/32 OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/852,209

DATE: 06/08/2001

TIME: 11:47:42

Input Set : C:\PAOLA\09852209.txt

Output Set: N:\CRF3\06082001\I852209.raw

# 2.

ENTERED

5 <110> APPLICANT: ERIKSSON, Ulf  
7 AASE, Karin  
9 LEE, Xuri  
11 PONTEN, Annica  
13 UUTELA, Marko  
15 ALITALO, Kari  
17 OESTMAN, Arne  
19 HELDIN, Carl-Henrik  
21 BETSHOLTZ, Christer  
25 <120> TITLE OF INVENTION: PLATELET-DERIVED GROWTH FACTOR C, DNA CODING  
27 THEREFOR, AND USES THEREOF  
31 <130> FILE REFERENCE: 09-410349-Eriksson et al-1064-44740  
35 <140> CURRENT APPLICATION NUMBER: 09/852,209  
36 <141> CURRENT FILING DATE: 2001-05-10  
40 <150> PRIOR APPLICATION NUMBER: 09/410,349  
42 <151> PRIOR FILING DATE: 1999-09-30  
46 <150> PRIOR APPLICATION NUMBER: 60/110,749  
48 <151> PRIOR FILING DATE: 1998-12-03  
52 <150> PRIOR APPLICATION NUMBER: 60/113,002  
54 <151> PRIOR FILING DATE: 1998-12-18  
58 <150> PRIOR APPLICATION NUMBER: 60/135,426  
60 <151> PRIOR FILING DATE: 1999-05-21  
64 <150> PRIOR APPLICATION NUMBER: 60/144,022  
66 <151> PRIOR FILING DATE: 1999-07-15  
70 <160> NUMBER OF SEQ ID NOS: 39  
74 <170> SOFTWARE: PatentIn Ver. 2.0  
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      194 aaattccagt ttccagcaa caaggaacag aacggagtac aagatcctca gcatgagaga 180
      196 attattactg tgtctactaa tggaagtatt cacagcccaa ggtttcctca tacttatcca 240
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242 cagaacattc tatgtactac aaacctgggt tttaaaaagg aactatgttg ctatgaatta 1620
244 aacttggtgc rtgctgatag gacagactgg atttttcata tttcttatta aaatttctgc 1680
246 catttagaag aagagaacta cattcatggt ttggaagaga taaacctgaa aagaagagtg 1740
248 gccttatctt cactttatcg ataagtcagt ttatttggtt cattgtgtac atttttatat 1800
250 tctccttttg acattataac tgttggcttt tctaattcttg ttaaataatat ctattttttac 1860
252 caaaggattt taatattctt ttttatgaca acttagatca actattttta gcttggtaaa 1920
254 tttttctaaa cacaattggt atagccagag gaacaaagat ggatataaaa atattgttgc 1980
W--> 256 cctggacaaa aatacatgta tntccatccc ggaatggtgc tagagttgga ttaaacctgc 2040
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260 ataattaa 2108
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284 20 25 30
288 Ser Ser Asn Lys Glu Gln Asn Gly Val Gln Asp Pro Gln His Glu Arg
290 35 40 45
294 Ile Ile Thr Val Ser Thr Asn Gly Ser Ile His Ser Pro Arg Phe Pro
296 50 55 60
300 His Thr Tyr Pro Arg Asn Thr Val Leu Val Trp Arg Leu Val Ala Val
302 65 70 75 80
306 Glu Glu Asn Val Trp Ile Gln Leu Thr Phe Asp Glu Arg Phe Gly Leu
308 85 90 95
312 Glu Asp Pro Glu Asp Asp Ile Cys Lys Tyr Asp Phe Val Glu Val Glu
314 100 105 110
318 Glu Pro Ser Asp Gly Thr Ile Leu Gly Arg Trp Cys Gly Ser Gly Thr
320 115 120 125
324 Val Pro Gly Lys Gln Ile Ser Lys Gly Asn Gln Ile Arg Ile Arg Phe
326 130 135 140
330 Val Ser Asp Glu Tyr Phe Pro Ser Glu Pro Gly Phe Cys Ile His Tyr
332 145 150 155 160
336 Asn Ile Val Met Pro Gln Phe Thr Glu Ala Val Ser Pro Ser Val Leu
338 165 170 175
342 Pro Pro Ser Ala Leu Pro Leu Asp Leu Leu Asn Asn Ala Ile Thr Ala
344 180 185 190
348 Phe Ser Thr Leu Glu Asp Leu Ile Arg Tyr Leu Glu Pro Glu Arg Trp
350 195 200 205
354 Gln Leu Asp Leu Glu Asp Leu Tyr Arg Pro Thr Trp Gln Leu Leu Gly
356 210 215 220
360 Lys Ala Phe Val Phe Gly Arg Lys Ser Arg Val Val Asp Leu Asn Leu
362 225 230 235 240
366 Leu Thr Glu Glu Val Arg Leu Tyr Ser Cys Thr Pro Arg Asn Phe Ser
368 245 250 255
372 Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp Thr Ile Phe Trp Pro
374 260 265 270

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378 Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn Cys Ala Cys Cys Leu
380      275      280      285
384 His Asn Cys Asn Glu Cys Gln Cys Val Pro Ser Lys Val Thr Lys Lys
386      290      295      300
390 Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr Gly Val Arg Gly Leu
392 305      310      315      320
396 His Lys Ser Leu Thr Asp Val Ala Leu Glu His His Glu Glu Cys Asp
398      325      330      335
402 Cys Val Cys Arg Gly Ser Thr Gly Gly
404      340      345
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412 <211> LENGTH: 1536
414 <212> TYPE: DNA
416 <213> ORGANISM: Homo sapiens
420 <400> SEQUENCE: 4
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424 agagaattat tactgtgtct actaatggaa gtattcacag cccaagggtt cctcatactt 120
426 atccaagaaa tacggtcttg gtatggagat tagtagcagt agaggaaaat gtatggatac 180
428 aacttacgtt tgatgaaaga tttgggcttg aagaccaga agatgacata tgcaagtatg 240
430 attttgtaga agttgaggaa cccagtgatg gaactatatt agggcgctgg tgtggttctg 300
432 gtactgtacc aggaaaacag atttctaaag gaaatcaaat taggataaga tttgtatctg 360
434 atgaatattt tccttctgaa ccagggttct gcatccacta caacattgtc atgccacaat 420
436 tcacagaagc tgtgagtcct tcagtgtctac ccccttcagc tttgccactg gacctgtcta 480
438 ataatgctat aactgccttt agtaccttgg aagaccttat tcgatatctt gaaccagaga 540
440 gatggcagtt ggacttagaa gatctatata ggccaacttg gcaacttctt ggcaaggctt 600
442 ttgttttttg aagaaaatcc agagtgggtg atctgaacct tctaacagag gaggtaagat 660
444 tatacagctg cacacctcgt aacttctcag tgtccataag ggaagaacta aagagaaccg 720
446 ataccatttt ctggccagggt tgtctcctgg ttaaacgctg tgggtgggaa tgtgcctgtt 780
448 gtctccacaa ttgcaatgaa tgtcaatgtg tccaagcaa agttactaaa aaataccacg 840
450 aggtccttca gttgagacca aasaccggtg tcaggggatt gcacaaatca ctcaccgacg 900
452 tggccctgga gcaccatgag gagtgtgact gtgtgtgcag agggagcaca ggaggatagc 960
454 cgcataacca ccagcagctc ttgccagag ctgtgcagtg cagtggctga ttctattaga 1020
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458 caggatttac agtgcattct gaaagaggag acatcaaaca gaattaggag ttgtgcaaca 1140
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462 taaatgttgt attaaataga tcaccagcta gtttcagagt taccatgtac gtattccact 1260
464 agctgggttc tgtatttcag ttctttcgat acggcttagg gtaatgtcag tacaggaaaa 1320
466 aaactgtgca agtgagcacc tgattccgtt gccttgctta actctaaagc tccatgtcct 1380
468 gggcctaaaa tcgtataaaa tctggatttt tttttttttt tttgtcata ttcacatatg 1440
470 taaaccagaa cattctatgt actacaaacc tggtttttaa aaaggaacta tgttgctatg 1500
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478 <211> LENGTH: 318
480 <212> TYPE: PRT
482 <213> ORGANISM: Homo sapiens
486 <400> SEQUENCE: 5
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496          20          25          30
500 Ser Pro Arg Phe Pro His Thr Tyr Pro Arg Asn Thr Val Leu Val Trp
502          35          40          45
506 Arg Leu Val Ala Val Glu Glu Asn Val Trp Ile Gln Leu Thr Phe Asp
508          50          55          60
512 Glu Arg Phe Gly Leu Glu Asp Pro Glu Asp Asp Ile Cys Lys Tyr Asp
514 65          70          75          80
518 Phe Val Glu Val Glu Glu Pro Ser Asp Gly Thr Ile Leu Gly Arg Trp
520          85          90          95
524 Cys Gly Ser Gly Thr Val Pro Gly Lys Gln Ile Ser Lys Gly Asn Gln
526          100          105          110
530 Ile Arg Ile Arg Phe Val Ser Asp Glu Tyr Phe Pro Ser Glu Pro Gly
532          115          120          125
536 Phe Cys Ile His Tyr Asn Ile Val Met Pro Gln Phe Thr Glu Ala Val
538          130          135          140
542 Ser Pro Ser Val Leu Pro Pro Ser Ala Leu Pro Leu Asp Leu Leu Asn
544 145          150          155          160
548 Asn Ala Ile Thr Ala Phe Ser Thr Leu Glu Asp Leu Ile Arg Tyr Leu
550          165          170          175
554 Glu Pro Glu Arg Trp Gln Leu Asp Leu Glu Asp Leu Tyr Arg Pro Thr
556          180          185          190
560 Trp Gln Leu Leu Gly Lys Ala Phe Val Phe Gly Arg Lys Ser Arg Val
562          195          200          205
566 Val Asp Leu Asn Leu Leu Thr Glu Glu Val Arg Leu Tyr Ser Cys Thr
568          210          215          220
572 Pro Arg Asn Phe Ser Val Ser Ile Arg Glu Glu Leu Lys Arg Thr Asp
574 225          230          235          240
578 Thr Ile Phe Trp Pro Gly Cys Leu Leu Val Lys Arg Cys Gly Gly Asn
580          245          250          255
584 Cys Ala Cys Cys Leu His Asn Cys Asn Glu Cys Gln Cys Val Pro Ser
586          260          265          270
590 Lys Val Thr Lys Lys Tyr His Glu Val Leu Gln Leu Arg Pro Lys Thr
592          275          280          285
596 Gly Val Arg Gly Leu His Lys Ser Leu Thr Asp Val Ala Leu Glu His
598          290          295          300
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604 305          310          315
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612 <211> LENGTH: 1474
614 <212> TYPE: DNA
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620 <220> FEATURE:
622 <221> NAME/KEY: unsure
624 <222> LOCATION: (1447)
626 <223> OTHER INFORMATION: can be a, c, g or t
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## VERIFICATION SUMMARY

DATE: 06/08/2001

PATENT APPLICATION: US/09/852,209

TIME: 11:47:43

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Output Set: N:\CRF3\06082001\I852209.raw

L:130 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1

L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2

L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6

L:2586 M:259 W: Allowed number of lines exceeded, &lt;223&gt; Other Information: